

FIG. 1 A -3A/3'A DETECTOR PROBE

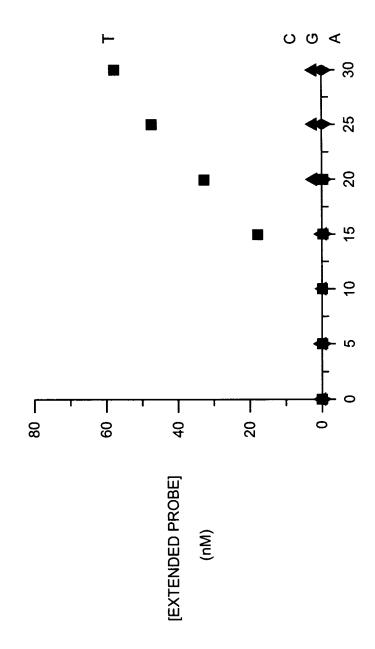


FIG. B -3A/3'C DETECTOR PROBE

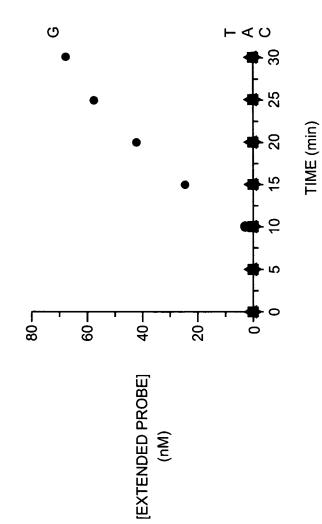


FIG. 1C -3A/3'G DETECTOR PROBE

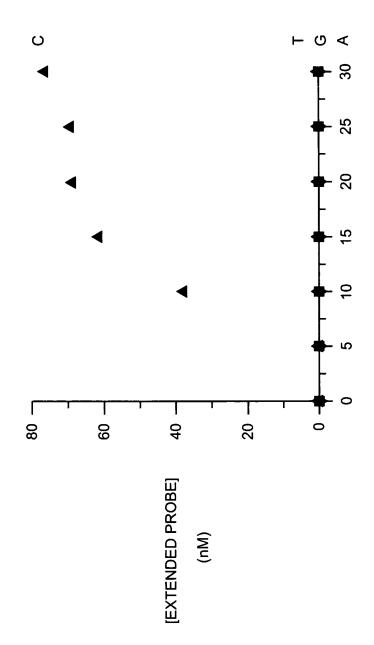


FIG. 1D -3А/3'Т DETECTOR PROBE

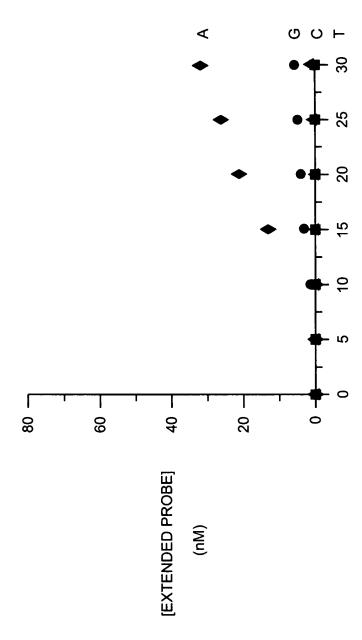


FIG. 1E S1.1/2.2 SDA WITH 10,000 A, C, G, OR T TARGETS

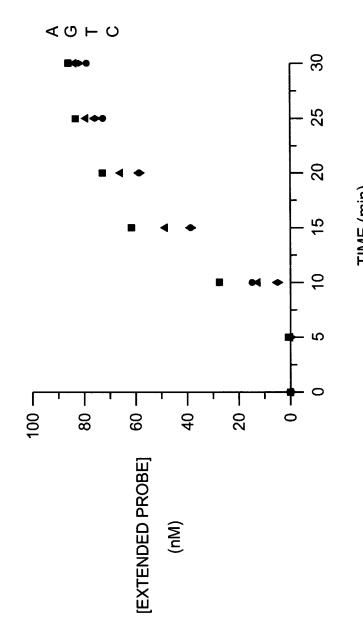


FIG. 2A -1A DETECTOR PROBE

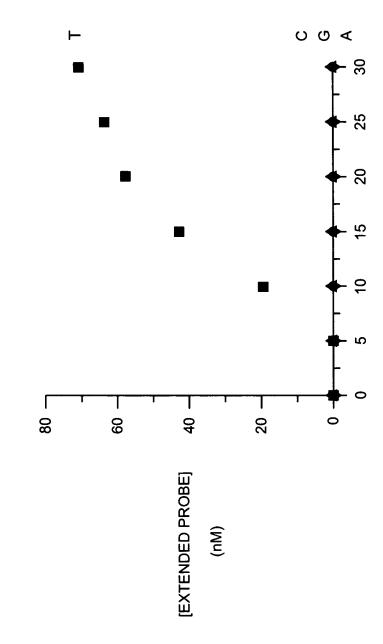
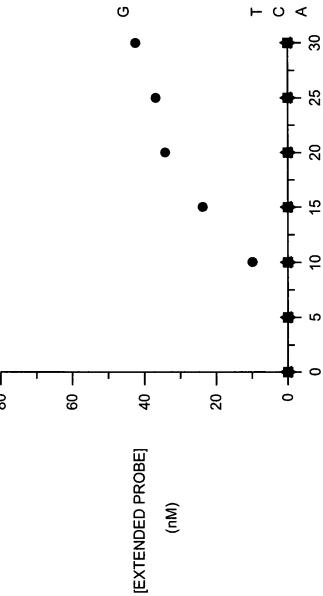


FIG. 2В -1C DETECTOR PROBE 80 J T %



(nM)

TIME (min)

FIG. 2C -1G DETECTOR PROBE

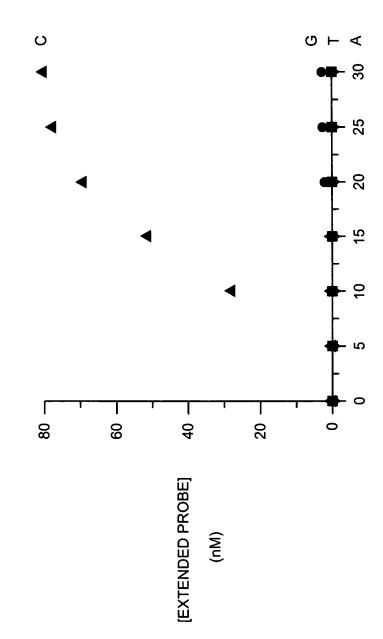
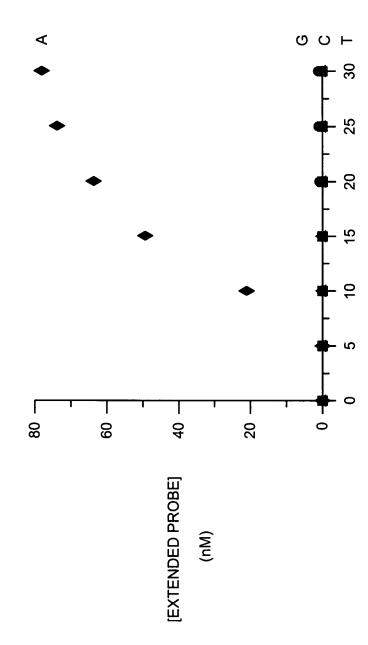
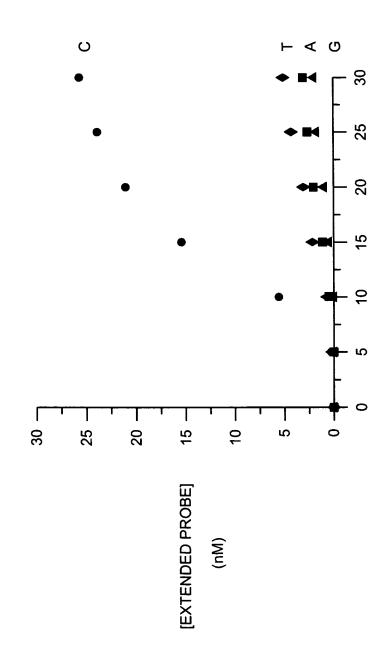
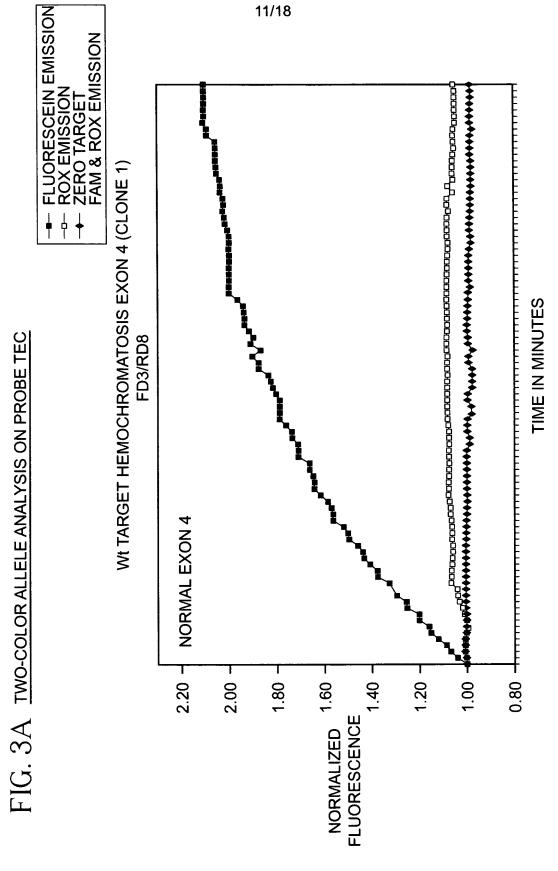


FIG. 2D -11 detector probe



 $FIG.\ 2E$ NP-6 DETECTOR PROBE IN SDA WITH 10,000 A, C, G, OR T TARGETS





FLUORESCEIN EMISSIONROX EMISSIONZERO TARGETFAM & ROX EMISSION Mu TARGET HEMOCHROMATOSIS EXON 4 (CLONE 1) FD3/RD8 FIG. 3B TWO-COLOR ALLELE ANALYSIS ON PROBE TEC **MUTANT EXON 4** 2.20 0.80 NORMALIZED 1.60 1.40 1.20 1.00 2.00 1.80 FLUORESCENCE

TIME IN MINUTES

FIG. 3C TWO-COLOR ALLELE ANALYSIS ON PROBE TEC

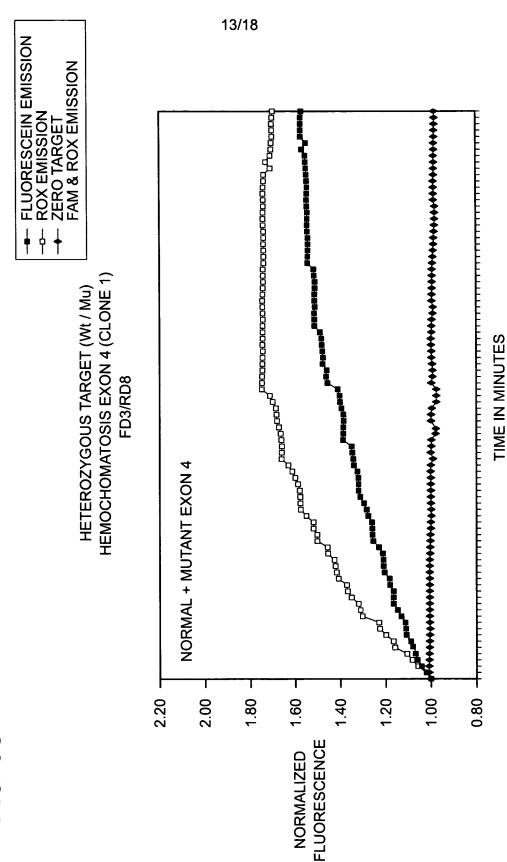
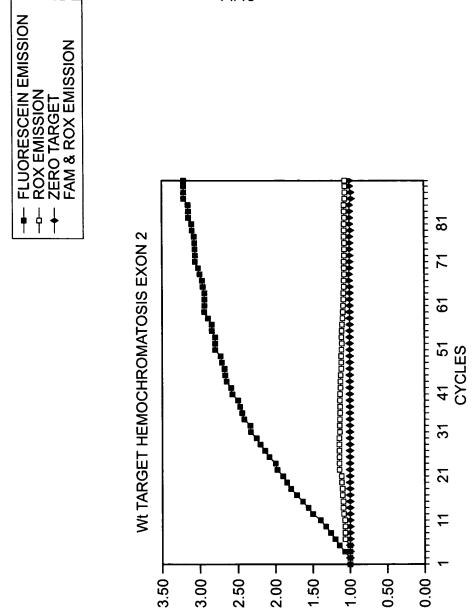


FIG. 4A TWO-COLOR SNP ANALYSIS ON PROBE TEC



NORMALIZED FLUORESCENCE

FIG. 4B TWO-COLOR SNP ANALYSIS ON PROBE TEC



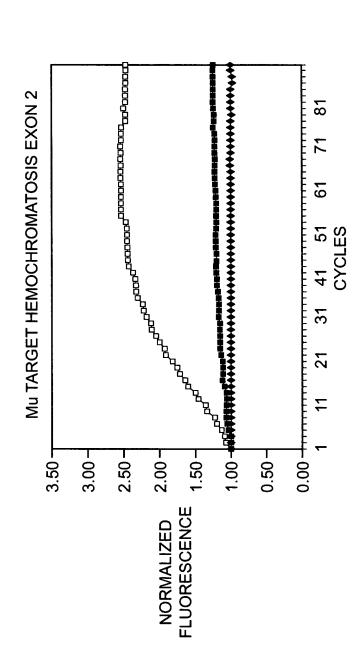
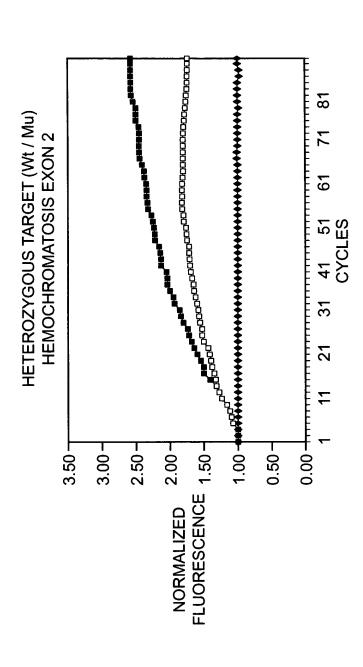
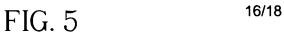


FIG. 4C TWO-COLOR SNP ANALYSIS ON PROBE TEC







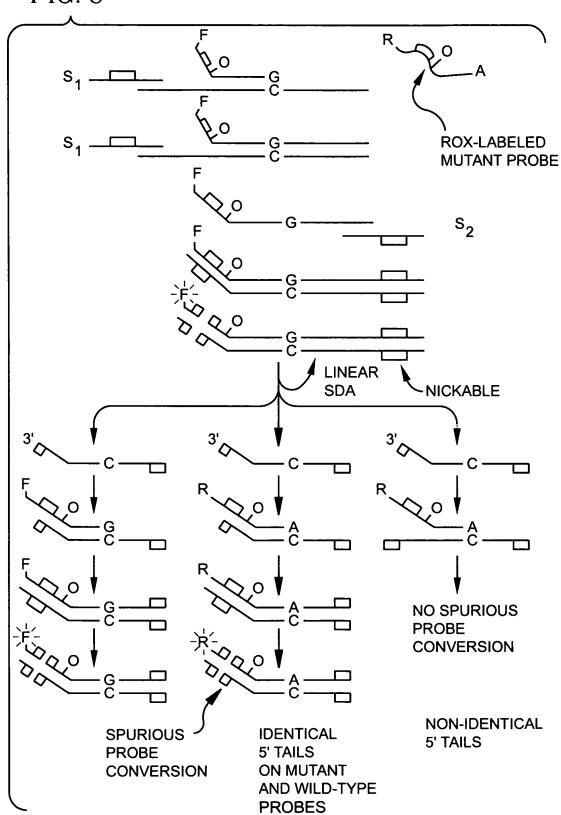


FIG.~6 SDA HH4 SYSTEM 105 TARGETS, FAM DETECTOR PROBES AT 300 nM

